GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:59
ANSWERED ON:24.11.2006
THERMAL POWER GENERATION
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Will the Minister of POWER be pleased to state:

(a) whether the target fixed for thermal power generation has been achieved as per the installed capacity of thermal power projects during the Tenth Five Year Plan till date;

(b) if not, the reasons therefor;

(c) the details of the thermal power projects which have achieved the fixed target;

(d) the details of the projects which are generating power below their installed capacity along with the reasons therefor;

(e) the extent of increasing shortfall of power generation resulting year after year short of targets set; and

(f) the corrective steps taken/being taken by the Government in this regard?

Answer

THE MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) to (f) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO. 59 TO BE ANSWERED IN THE LOK SABHA ON 24.11.2006 REGARDING THERMAL POWER GENERATION.

(a), (b) & (e): Generation targets are fixed for various thermal power stations on annual basis keeping in view their installed capacity, age of units, past performance, planned outages, availability of fuel and its quality, etc. The overall achievement in thermal generation in last 4Â½ years of the 10th Plan has been about 99% of the generation target. Year-wise details of achievement of generation target of thermal power generation during the 10th Plan are given below:-

Year	Thermal Generation (% of Target)	Growth rate of Total Generation (%)
2002-03	100.67	3.1
2003-04	98.77	5.0
2004-05	99.94	5.2
2005-06	97.18	5.1
2006-07#	98.11	7.1

#(April − October 2006)

The main reasons for short fall in achieving the generation targets have been inadequate supply of gas for gas based power plants, forced outages and low scheduling in case of liquid based power plants.

(c) : Details of thermal power plants which have achieved their targets for generation during the 10th Plan Period are given in Annexure-I.

(d) : Details of thermal power plants which have not achieved their targets for generation during the 10th Plan Period and reasons therefor are given in Annexure-II.

(f) : The following steps have been taken / are being taken to improve power generation in the country:

(i) Rigorous monitoring of capacity addition of the on-going generation projects.

(ii) Advance planning of generation capacity addition projects for the 11th Five Year Plan.

(iii) Implementation of Ultra Mega Power Projects of 4000 MW each to achieve benefit of economy of scale.

(iv) `Partnership in Excellence` Programme starting with adoption of better operation and maintenance (O&M) practices to enable enhancement of Plant Load Factor (PLF) of existing thermal power stations through tie-up with well performing power utilities as a precursor to renovation and modernization.

(v) Renovation, modernization and life extension of old and inefficient generation units with interest subsidy on loans by the Power Finance Corporation and Rural Electrification Corporation under `Accelerated Generation and Supply Programme (AG&SP).

(vi) Reducing the duration of Planned Maintenance in the thermal power stations.

(vii) Import of coal to bridge the gap between domestic availability of coal and anticipated demand of coal.

(viii) Continuous inter-action by CEA with Power Station Authorities, BHEL and other concerned agencies for sorting out operation and maintenance problems as well as regular visits by CEA Engineers for on-site discussions and monitoring of the performance of generating units.

(ix) Close monitoring and review by Ministry of Power to resolve the issues related to supply of equipments by BHEL to the power projects.

(x) Regular Coordination meetings with other leading manufacturers and their Association, namely IEEMA.